

DELPHI



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Warning: This manual and the *SKYFi2 Satellite Radio Receiver User Guide* contain important safety and operating information. Please read and follow the instructions in these manuals. Failure to do so could result in personal injury, death, and/or damage to your SKYFi2 Receiver, accessories, and/or to your vehicle or other property.



SATELLITE
RADIO

SKYFi2™ Installation Guide

Home and Vehicle Kits

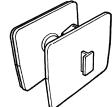
Important: See page 19 for important FCC information.

SKYFi2 Vehicle Adapter Kit (SA10102) Setup

Your Delphi XM® SKYFi2™ Vehicle Adapter Kit contains the following components:



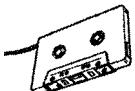
SKYFi2 Cradle



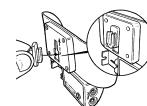
Vehicle swivel mount



XM Vehicle Antenna



Cassette audio adapter



Nokia®-style button
mount converter



12V power adapter

Your kit also includes:

- Extra adhesive pad
- Surface preparation cleaning kit
- Alcohol prep pad
- Cable wrap
- Adhesive-backed Velcro® pads

Figure 1. SKYFi2 Vehicle Adapter Kit components.

Hooking up Your SKYFi2 Receiver Cradle

Caution: Connect only appropriate input devices to the SKYFi2 Vehicle Adapter Kit. Connecting any incorrect input devices may damage the system and/or the external electronic device. It is recommended that you use only the 12V to 6V conversion power adapter that came with your SKYFi2 Vehicle Adapter Kit.

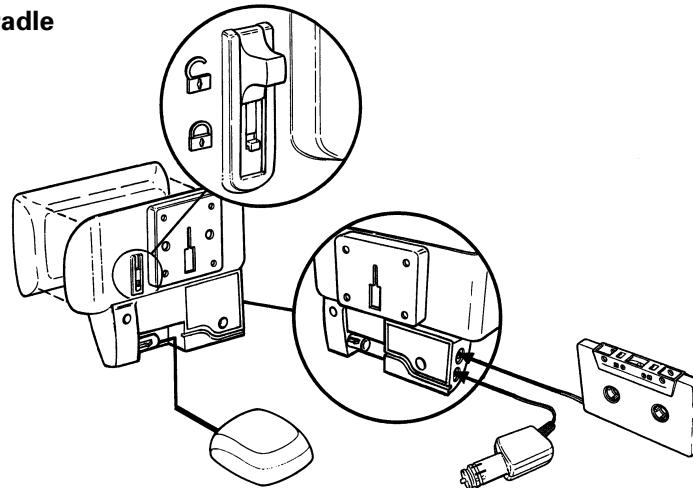


Figure 2. Connect accessories to your SKYFi2 Cradle as shown.

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After connecting the power and antenna jacks into the car cradle, the included organizer can be used to improve the appearance of the installation. See figure 3.

The cable twist ties that were provided with the power adapter and car antenna cables can be reused to gather, bundle, twist tie, and secure any excess cable. Excess cable can be gathered under the dash, between the seat or console, or under the mat so it is not in the way.

When using the wireless FM modulator, securing and tie-wrapping the excess cable reduces background hissing noise.

Check movement of doors and trunks as well as seats so they do not damage excess cable.

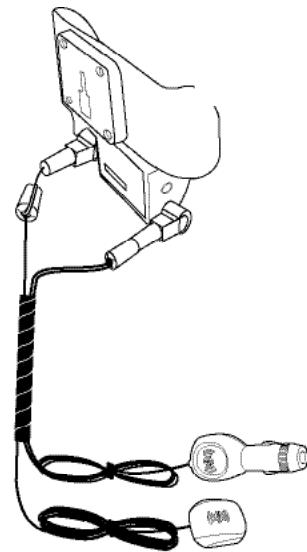
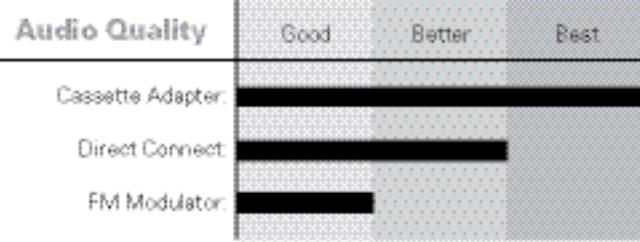


Figure 3.



The SKYFi2 Vehicle Adapter Kit offers you many ways of connecting your SKYFi2 to your vehicle's radio. All options provide excellent sound quality and stereo separation. Review and consider your own unique situation when choosing from the three options.

Cassette Adapter

For vehicles with a built-in cassette player. **Due to its superior audio quality, this configuration is recommended over the wired or wireless FM modulator configurations if a cassette slot is available in the vehicle.**

Direct Connect

The Delphi FM Direct Adapter (SA10112) (sold separately) can provide audio input through the vehicle's antenna lead. (Some vehicles may require special antenna lead adapters.)

Wireless FM Modulator

For the ultimate ease of installation, SKYFi2 has a built-in wireless FM modulator that allows you to hear XM programming through your vehicle's FM radio. The factory default setting for the FM modulator is turned off. See the *SKYFi2 Satellite Radio Receiver User Guide* for more details.



SKYFi2 Installation

Because every vehicle is different, these instructions are provided as a general guideline only. If you need help, consult a professional installer.

1. Decide which method (cassette adapter, wireless FM modulator, or direct connect) is most appropriate for your vehicle and where you live.
2. Verify the system is working by completing a test. Before installing the system, connect the XM Antenna, 12V power adapter, and audio connector or cassette adapter (if used) to the SKYFi2 Vehicle Adapter cradle with the SKYFi2 Receiver

inserted. Plug the 12V power adapter into the cigarette lighter and place the XM Antenna on the roof of your vehicle. Make sure you are outdoors and not surrounded by tall buildings or trees. Turn on both your vehicle's radio and SKYFi2 Receiver. Tune the SKYFi2 Receiver to XM channel 1. You should be able to hear the XM Preview channel. If not, check all connections.

Note: If using the wireless FM modulator or the Delphi FM Direct Adapter, set the SKYFi2 Receiver and the vehicle's FM radio to the same frequency. See the *SKYFi2 User Guide* section on "Listening to XM Using Any FM Radio."



Warning: Do not install the mount where it or SKYFi2 could block your vision or usage of controls, or interfere with any safety devices such as airbags. Failure to correctly place SKYFi2 could result in injury to you or others if the unit becomes detached during an accident and/or obstructs the deployment of an airbag.

3. Turn off the radio and SKYFi2 Receiver. Disconnect all cables.
4. Find a place where you can mount your SKYFi2 Vehicle Adapter where it is most convenient for you to use. It should be mounted to a hard, flat surface below the top of the dash within easy reach. Choosing a lower location makes it easier to manage the cables. A lower location also ensures SKYFi2 will not cause interference with other FM radios outside the vehicle. See figure 4.
5. The SKYFi2 Vehicle Adapter Kit has two mounting options: flat mount or swivel mount.

- a. *Flat mount:* Use the included Velcro pads or extra adhesive pad, attaching them to the back of the SKYFi2 vehicle cradle and then to a flat surface in your vehicle. Do not install the mount on a leather surface.

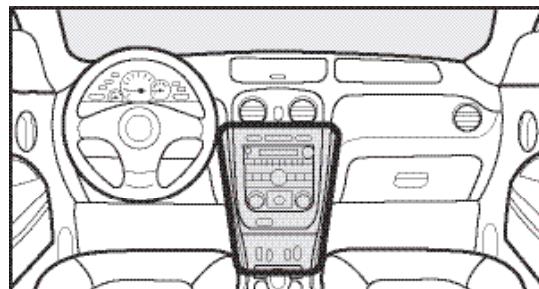


Figure 4.



- b. *Swivel mount:* This mount allows you to adjust the angle of your SKYFi2 Vehicle Adapter after it is installed. This mount uses a strong adhesive that is not easily repositioned when installed, so use care when choosing the location of and placing the mount. Do not install this mount on a leather surface. Install the mount only if the temperature is at least 60°F.
- Clean the mounting surface with the enclosed surface preparation cleaning kit. Wipe the towelette

in one direction only. Do not wipe the surface in a circular motion or back and forth. Dry the area with a clean, dry cloth. Repeat the cleaning process. Allow to air dry thoroughly.
- Clean the same surface with the enclosed alcohol prep pad. Wipe in one direction only. Dry the area with a clean, dry cloth. Allow to air dry thoroughly.
- Warm the vehicle mount adhesive pad by using a hair dryer or by placing the vehicle mount on top

of the vehicle's defrost outlet for several minutes with the heater on. Remove the liner from the adhesive pad and adhere to the vehicle's surface. Make sure you accurately place the pad on the first try since in many cases it will bond almost immediately. For best results, do not touch or apply pressure to the vehicle mount for 72 hours.

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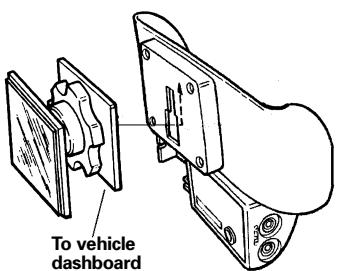


Figure 5. Attach vehicle mount to back of SKYFi2 as shown.

6. Clip the SKYFi2 vehicle cradle onto the swivel mount (figure 5).
7. Reassemble the system as in step 2.
8. Attach the antenna as explained on page 12 and route the antenna cable as described on page 13.



Removing swivel mount from your dashboard

You can remove the swivel mount from your dashboard by following these steps:

1. Lift one edge of the adhesive pad gently with fingers or the rounded edge of a spoon. Once enough of the edge is loosened to grip with your fingers, pull the pad gently from the mounting surface at a 90-degree angle. Do not use sharp tools that could damage the vehicle's interior.
2. If the pad fails to loosen, warm it with a hair dryer for 2 to 3 minutes to soften the adhesive. Be careful not to apply too much heat, which could damage the mounting surface. Repeat step 1.
3. If any adhesive remains on the dashboard surface, the adhesive can easily be removed by rubbing your thumb or finger across it.
4. As necessary, use a mild household cleaner to clean the dashboard surface.

Caution: Never use a commercial heat gun or a paint-stripping gun. This can damage the unit or your vehicle.



XM Antenna Setup

For best reception, the XM Antenna should be placed either:

- In front of the rear window (option1)
- Behind the windshield (option 2)

When deciding which location to choose, keep in mind:

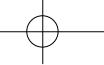
- The antenna will perform best if it has an unobstructed view of the open sky and is surrounded by a minimum of 3 to 6 inches of metal.
- For best FM modulator performance, locate the antenna as close to the vehicle's FM antenna as possible.

- If the vehicle has roof racks or skid ribs, the antenna can be mounted off-center.
- Trunk mounting is an alternative for hard- or soft-top convertibles with nonmetallic rooftops, though reception may not be as good.

Important: Do not install antenna inside the vehicle passenger compartment. An antenna mounted on the dashboard or on the rear window deck area of the vehicle will likely experience signal interruption issues and must be avoided. Mounting the antenna on a nonmetallic surface will also result in severe degradation in reception.



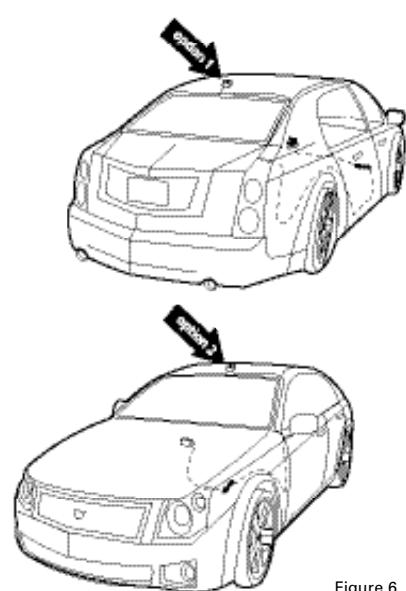
Warning: Failure to properly install the antenna may result in injury to you or others if it becomes detached during an accident.



Routing the Cable

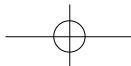
Option 1

When using option 1, route the cable into the trunk as shown in figure 6. Always cross the weather seal at the lowest part of the trunk to reduce water leaks. From the trunk, route the cable into the passenger compartment through available wire channels and then along the floor under the door jamb trim or under the carpet to the front of the passenger compartment. Do not leave the cable loose in the passenger compartment where it is likely to be damaged.



Option 2

When using option 2, route the cable along the door jamb and into the vehicle as shown in figure 6. Route the cable across the weather seal near the bottom of the door to reduce water leaks.



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SKYFi2 Home Adapter Kit (SA10103) Setup

Your Delphi XM SKYFi2 Home Adapter Kit contains the following components:



SKYFi2 Home Stand



XM High-gain Indoor/Outdoor Home Antenna with 25 ft. cable



6V AC power adapter



Audio cable

Hooking up Your SKYFi2 Receiver Home Stand

Note: See *SKYFi2 User Guide* for important user information.

Caution: Connect only the appropriate input devices to the SKYFi2 Home Adapter Kit jacks. Connecting any incorrect input device may damage the system and/or the external electronic device. It is recommended that you use only the AC power adapter that came with your SKYFi2 Home Adapter Kit. If you need to use a different adapter, it must be a 6V, 1000 mA DC adapter and must contain a unified polarity-type jack, identified by the symbol.

Figure 7. SKYFi2 Home Adapter Kit components.

Installation instructions:

1. Turn off both your SKYFi2 Receiver and home stereo.
2. Connect cables as illustrated in figure 8.
3. Position the XM Antenna so that it is facing south. Ideally, it should point through a window
4. Turn on your SKYFi2 Receiver and the stereo. Tune to XM channel 1. You should be able to hear the XM Preview channel. If not, check all connections.

Note: The Delphi SA10006 Antenna Extension Cable (sold separately) is designed to work with the SKYFi2 Home Adapter Kit and provides an additional 50 feet of cable length to the standard XM Home Antenna.

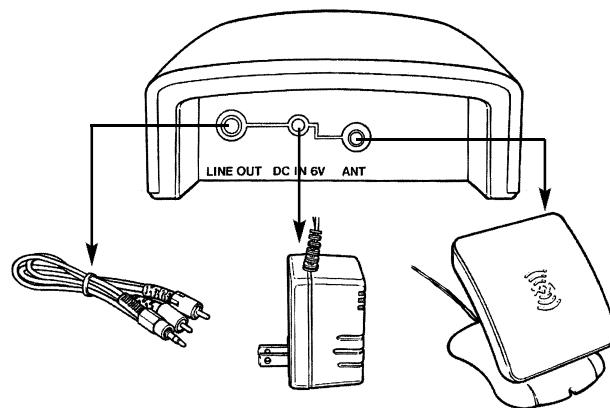


Figure 8. Connect the SKYFi2 Home Stand to power, antenna, and home stereo as shown.

Aiming the XM Home Antenna

For best reception, aim the home antenna by following these instructions:

1. Press the “menu” button on the SKYFi2 Receiver.
2. Use the scroll wheel to select the “Antenna Aiming” option. Press the “XM” button to confirm selection.
3. This display will remain on until you press the “menu” button again, so you have plenty of time to aim the antenna. Slowly turn and tilt the antenna. The “satellite” and “terrestrial” signal bars will

change. Find the position that gives the strongest signal strength (at least two bars) on either “satellite” or “terrestrial.”

4. Once you are convinced you have determined the proper position to receive the best possible signal, press the “menu” button to return to normal operation.



Figure 9. Signal strength indicator.

Delphi Limited Consumer Warranty

Delphi Product and Service Solutions ("Delphi") warrants all Portable XM Satellite Radio Accessory Products sold by Delphi (each "Product") to be free of defects in material and workmanship, subject to the following conditions:

The duration of Delphi's warranty with respect to each product is limited to one (1) year from the date of sale to the original consumer purchaser.

No other express warranties are made with respect to any Product. All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited to the warranty period set forth above. This warranty is not transferable and applies only to the original consumer purchaser of the Product.

Delphi will, as its sole obligation under this warranty, replace or repair, at its option, any Product that does not conform to this warranty. Products may be repaired or replaced with new or with refurbished items. This limited warranty does not cover defects in appearance, cosmetic or decorative items, including any non-operative parts. Under no circumstances will Delphi be liable for any incidental or consequential damages under this warranty or any implied warranties. These remedies are the customer's exclusive remedies for breach of warranty. This limited warranty only extends to customers who purchase the Products in the United States.

Delphi will not be responsible for damage resulting from any (i) deviation from Delphi's operating instructions as printed in Delphi's catalog or on any packaging, labels, or other literature provided with a Product, (ii) installation of a Product in a manner which is inconsistent with Delphi's written instructions, (iii) alteration or modification of a Product, (iv) misuse, (v) neglect, (vi) abuse, (vii) accident, (viii) normal wear and tear, (ix) commercial use, (x) improper storage, (xi) environmental conditions, including excessive temperature or humidity, (xii) service by anyone other than a Delphi authorized repair facility, (xiii) other improper application, installation or operation of the Product, or (xiv) defects or malfunctions of which Delphi is not advised within ten (10) days of the expiration of the limited warranty period.

How you (the Customer) can get service:
To obtain warranty service, you must return the defective Product with the original receipt to the original place of purchase. If further clarification or additional information is required from Delphi, you may call Delphi at: 1.877.GO DELPHI (1.877.463.3574). If warranty service is needed at any time during the warranty period, the purchaser will be required to furnish a sales receipt/proof of purchase indicating the date of purchase, amount paid and place of purchase. Customers who fail to provide such proof of purchase will be charged for the repair/replacement of any Product.

How state law relates to the warranty:
Some states do not allow limitations on the duration of implied warranties, or the exclusion or the limitation of incidental or consequential damages. So the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights that may vary from state to state. NO PERSON IS AUTHORIZED BY DELPHI TO MODIFY OR ADD TO THIS LIMITED WARRANTY.



FCC Statement

Please note that the cables and antenna wire that have been supplied with your device are supplied with permanently attached ferrite beads. It is the responsibility of the user to use the cable and antenna wire with the ferrite beads.

The user is cautioned that changes or modifications not expressly approved by XM Satellite Radio, Inc. can void the user's authority to operate this device.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important: The FCC and FAA have not certified the Delphi XM SKYFi2 Satellite Radio Receiver for use in any aircraft (neither portable nor permanent installation). Therefore, Delphi cannot support this type of application or installation.



DELPHI

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